

**SUPERSAMPLING OF DIGITAL VIDEO OUTPUT  
FOR MULTIPLE ANALOG DISPLAY FORMATS**

**ABSTRACT OF THE DISCLOSURE**

An output pipeline for a video processing device provides supersampling of the output data the digital domain to eliminate or reduce unwanted frequency components in an analog output signal. An encoder converts a pixel stream to digital sample values for a target analog signal at a base sampling rate. The base data stream is supersampled, and the supersampled data is provided to a digital to analog converter. The supersampling rate can be selected so as to provide substantial attenuation of a higher frequency echo in the analog output signal.